

Yukon Placer Database Operations Report



Field Name: 6077 Yukon Ltd., 1997-2003

Last Update: 14-Feb-2005

Status: Active Producer

Stream: Carmack Fork: a tributary of Upper Bonanza

Map Sheet(s): 1150/14

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Operators

Name	From (Date)	To (Date)	Comment
Wayne Hawkes	2002/01/01	2003/12/31	
Barbara Coomes	1997/01/01	2002/12/31	
Dave Trainer	1997/01/01	2002/12/31	

Owners

Name	From (Date)	To (Date)	Comment
Wayne Hawkes	2002/01/01	2003/12/31	
Barbara Coomes	1997/01/01	2002/12/31	
Dave Trainer	1997/01/01	2002/12/31	
6077 Yukon Ltd.	1997/01/01	2003/12/31	

General Location

Dave Trainer and Barbara Coomes started mining on Carmack Fork, about ½ mile upstream from its confluence with the right limit of upper Bonanza Creek.

2003 - Mining took place on Carmack Fork as well as on Lafferty Pup.

Location Details

Date:	Latitude Deg : Min : Sec	Longitude Deg : Min : Sec	Elevation (feet)	Distance from Mouth (feet)
2003/01/01	63 55 0	139 7 59		
2002/01/01	63 50 0	139 8 0		
1998/01/01	63 55 0	139 8 0		

Water Licence(s)

Number	Comments
PM97-055	Expires: 2005/05/01

Work History

This ground was first tested in 1997 and mining began in 1998. In 1998, three small cuts totaled approximately 30 feet wide by 150 feet long. In 1999, one cut 65 feet wide by 400 feet long was made. In 2000, one cut was about 30 feet wide by 100 feet long and in 2001, at a wider part of the valley as mining moved upstream, the cut was about 200 feet wide by 400 feet long. Two cuts were mined in 2002, measuring 500 by 50 feet and 100 by 100 feet. Evidence of old timers workings (shafts) and various ancient animal bones have been found. A move to upper Little Blanche Creek is being considered for the 2003 season.

2002-2003 - Wayne Hawkes worked under a license agreement with Dave Trainer. The sluice plant was moved upstream above Flannery Pup with new settling pond added.

Equipment

From 1998 to 2002, a Caterpillar D8 bulldozer and one D7 bulldozer were used to strip overburden and to excavate gravel. One Caterpillar 980 loader was used to remove tailings and an American M25 excavator (235 equivalent) was used to feed the wash plant. In 2002, only the D8K Caterpillar bulldozer and a Fiat Allis 45 front-end loader were employed. A de-rocker dump box, 10 feet wide by 15 feet long, fed into a single sluice run, 4 feet wide by 30 feet long, with oscillating angle iron riffles. A 6 inch Perkins water pump supplied about 2000 igpm which was used to sluice 100 to 150 cubic yards per hour. Make up water only was pumped directly from Carmack Fork and

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process water was recycled from within an out of stream settling pond. The pond itself was approximately 300 by 150 feet in size. A creek bypass channel around the settling pond was built and maintained along the left limit of the valley bottom.

In 2002 stripping with D9Cat and monitoring black muck which was settling into a large downstream pond with 2 culverts acting as spillways. Fuel was hauled in a tidy tank in the back of a pick-up, with fuel spill contingency in the truck.

Environmental Work

Year	Reclamation Work
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2002	Settling pond dam was rebuilt with metal culvert overflow and rock lined spillway.
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Surficial Geology

Organic overburden, from 8 feet deep up to 20 feet deep, was thawed near the creek channel and frozen along the sides of the valley. Gravel layers were up to 12 feet deep and the bottom 6 feet of gravel plus 1 foot of bedrock were sluiced.

Bedrock Geology

Bedrock is mapped as Carbiniferous and Permian tan to rusty and black weathering muscovitic and/or chloritic quartzite and quartz-muscovite-chlorite schist; quartz and/or feldspar augen-bearing quartz-muscovite (+/-chlorite) schist; includes augen gneiss and amphibolite (Klondike Schist)

Gold Comments

Cleanups were conducted using a long tom. Only fine powder gold was found, with no flakes or nuggets, and a fineness of 692. In 2002, the gold recovered was slightly rougher in texture.

References

Mining Inspection Division, Yukon Region. Yukon Placer Mining Industry 1998-2002. Department of Indian Affairs and Northern Development, Whitehorse, Yukon, 2003.: p. 57-58

Nowosad, M. Placer Mining Year End Summary, 2003. Client Services and Inspections Division, Yukon Energy Mines and Resources, 2004.: p. 3

Thomson, R.F. Placer Mining Year End Summary, 2002. Mining Inspection Division, DIAND, 2003.: p. 2

Yukon Placer Atlas Website. 2005. <http://maps.yukon.gov.yk.ca/webmaps/mining/placer/viewer.htm>. Bedrock Geology- Regional Unit Layer.: